

AEG

Milano 20



User Manual

and Safety Precautions

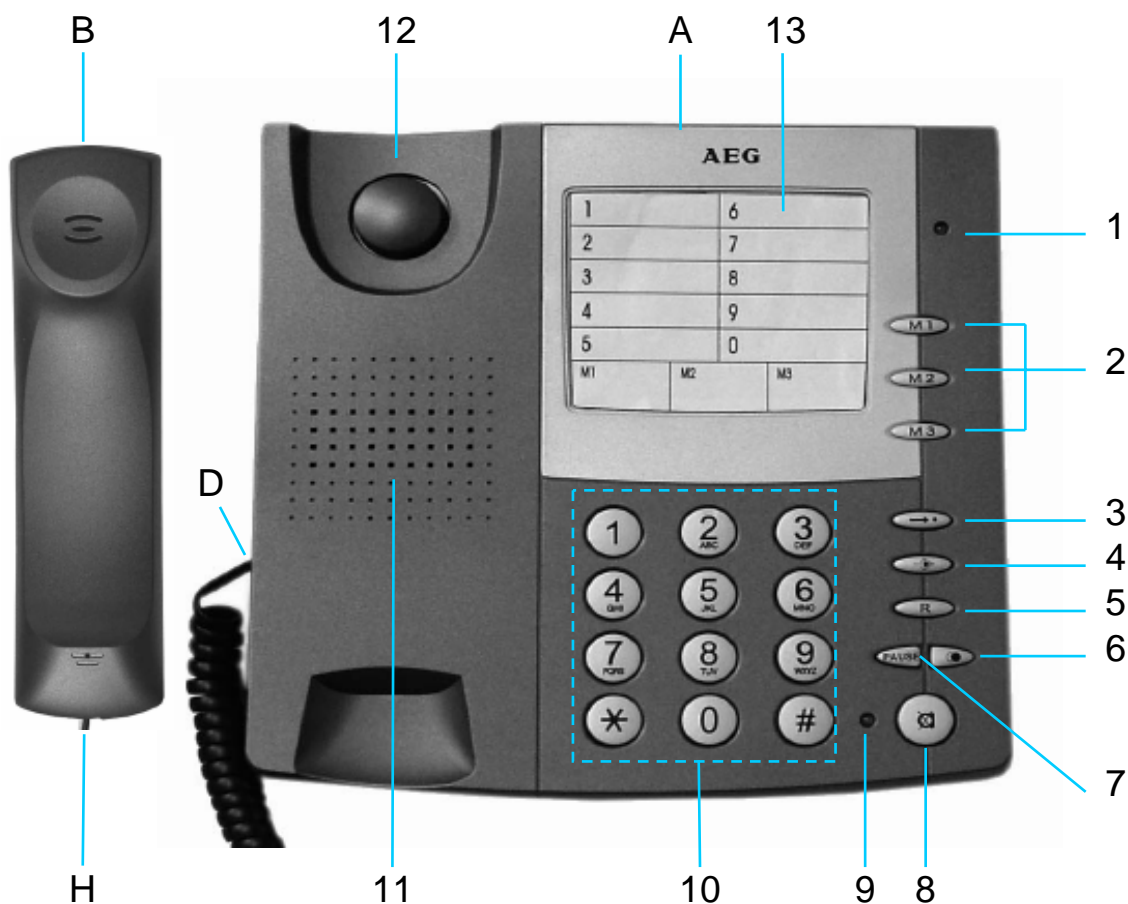
Corded Telephone

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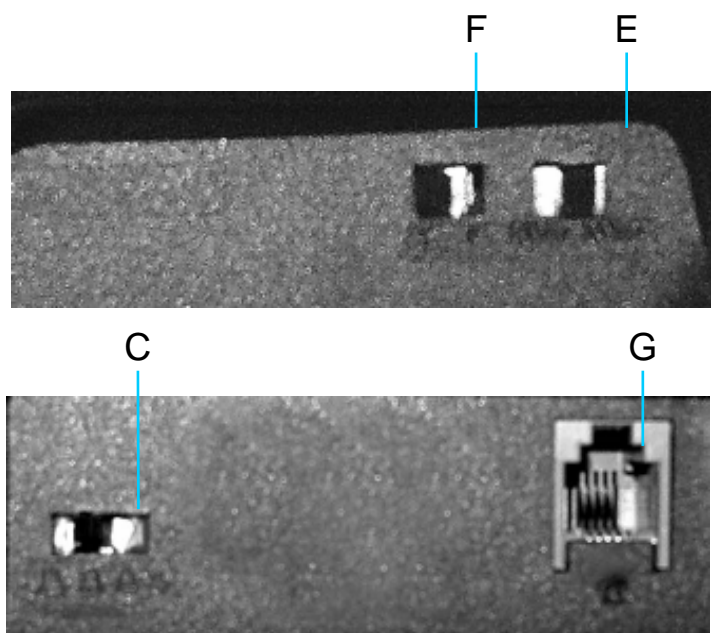
Description of the Appliance

Appliance overview



1. LED indicating communication.
2. Shortcut dialing memories M1 – M3.
3. memory calling key.
4. memory key.
5. "R" key.
6. repeat key.
7. Pause key.
8. mute key (microphone off).
9. LED indicating mute.
10. Alphanumeric keypad.
11. Loudspeaker.
12. Hook.
13. Table to fill out with the saved telephone numbers.

Side-views of the base



- A. Basic appliance
- B. Handset
- C. Sliding switch for setting the ringer volume (off, low, middle, high)
- D. Handset cable inlet at the base
- E. Sliding switch for setting the flash-time (100 or 300 ms)
- F. Sliding switch for setting the dialing mode (P= impulse /T=tone)
- G. Inlet for the telephone cord
- H. Handset cable inlet at the handset

Default settings (set in the factory)

Dialing mode	tone dialing
Flash – time	300 or 100 ms (depending on your country's version)
Pause	3 seconds
Redial memory	empty
Ringer volume	high

Contents of the packing

- 1 base
- 1 handset
- 1 cable for the handset
- 1 telephone line cord
- 1 manual

Specific features

- Re-dialing of the last number dialed
- Re-dialing with pause
- Volume of the ringer selectable in 3 levels or switched off
- Table appliance
- Can be used in connection with a switchboard
- Tone or pulse dialing – Flash-time adjustable
- LED for optical call indication
- Mute (microphone switched off)
- 3 memories for shortcut dialing M1-M3, 10 indirect memories 0-9

Installation of the appliance

1. Use the telephone line cord to realize the connection between the telephone outlet and the connection **(G)** at the back of the base.
2. Connect the handset cable to the inlet **(D)** of the base **(A)** and to inlet **(C)** of the handset **(B)**.



This manual is meant for your information. Its contents are no part of the contract. All values quoted are standard values.

The described equipment and the options can be different, depending on the requirements of your country. We reserve our right to technical modifications.

Congratulations

Thanks for purchasing this telephone!

In order to be able using your phone in full comfort, we advise to read this manual completely, so you will be familiar with its possibilities.

Safety precautions



Do not place the set in the proximity of heat sources and don't expose is to direct sunrays, dust or vibrations.



Do not place the base station in a moist room, such as bathroom or shower. The ideal temperature range is between +5° and +35° C and the humidity between 25 % and 85 %.



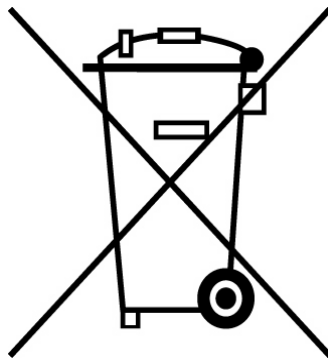
Do not use the phone in environment subject to explosion hazard e.g. auto paint booths.



Read these instructions carefully, and make sure that they accompany the appliance, when you give it to others to use.



Dispose of the battery and phone in accordance with environmental regulations!



Modern furniture generally has a surface finish with synthetic materials or paintwork of different types. They need to be maintained with specific products of different make.

These products can affect the feet of your telephone! Avoid scratches on your furniture by placing the appliance on an antiskid mat. We will not accept any reliability for this kind of damage!




Configuration

Setting the ringer volume

The volume of the ringer can be set to low, medium or high, using the sliding switch on the side of the appliance. It can also be switched off.

Insert a pause

When you use the telephone connected behind an older PABX, it is possible that the access code for external calls (generally "0") must be followed by a pause, before the telephone number may be dialed.

- | | |
|---|--|
|  | Unhook. |
|  | Enter the access code for external calls. |
| Pause | Press the pause key, the pause is inserted. |
|  | Enter the telephone number you wish to call. |

Setting the dialing mode

Two dialing modes are available:

- MFV (tone): the actual standard (DTMF mode)
- IWW (impulse): only necessary for older installations

To set the dialing mode, use the sliding switch (**F**) on the side of the appliance, **T** for tone dialing, **P** for impulse dialing.

Setting the Flash time

The flash-time can be set to short (100 ms) or long (300 ms). The flash-time to be used depends on the installation, on which your unit is connected

- connected to the public telephone network with comfort functions;
- connected to a PABX with similar functions.

The comfort functions:

waiting call

toggling

consultation

second call

conference call with three

must be ordered and paid for with your local telephone network operator. Your provider will also be able to tell you, which flash-time has to be used on his installation (the flash-time to be set is usually long or 300 ms).

When the appliance is connected to a personal PABX, its supplier or the delivered manual can inform you about the flash-time to be set (the flash-time to be set is usually short or 100 ms). The following description does not necessarily correspond to the description in the manual of your PABX.

The flash-time can be set to 100 or 300 ms with the slide switch (**E**) on the side of the appliance.

Using the telephone

Answering an incoming call

A ring tone and the LED (1), flickering in the same rhythm as the ring tone signal the incoming calls.

Pick up the handset for answering the call.

To end the conversation, simply hang up.


Calling Outside

External calls are calls to the public telephone network.

1. Pick up the handset. You hear the dialing tone.
2. Input the desired number on the keypad (10).
3. The input number is dialed automatically.
4. To end the conversation, you simply hang up.

Redial (simple)


To redial the very last number called, just press the redial key (6).

1. Pick up the handset. You hear the dialing tone.
2. Press the redial key  (6).
3. The last number called (of maximum 16 digits) is dialed automatically. When the last number called contains more than 16 digits, it is deleted automatically.

Dialing a number from the shortcut dialing keys

1. Pick up the handset. You hear the dialing tone
2. Press the desired key **M1**, **M2** or **M3**. The number in the chosen memory is dialed automatically.

or

3. Press the memory-dialing key  (3), followed by the numeric key (0 – 9) containing the desired number. The number saved in the chosen memory is dialed automatically.
4. Just hang up to end the conversation.

Comfort functions

The comfort functions: **waiting call, toggling, consultation, second call, conference call with three** must be ordered and paid for with your local telephone network provider.

Your provider will also be able to tell you which flash-time has to be used on his installation (please also read the chapter on "Flash time" (page 8).

When the unit is connected to a personal branch exchange (PBX), its supplier, or the delivered instruction manual will be able to inform you.

Waiting call and toggling

You have the necessary subscription at your telephone network provider. While you are having a telephone conversation, you hear a tone, i.e. a signal that indicates that another user "knocks" (signal second call).

Use the **R** - key to put the actual conversation on hold. You hear the extra dialing tone. By pressing **"2"** you can answer the second call. When you want to return to the first conversation partner, you press the **R** - key again and dial **"2"** again. You are now connected to the first conversation partner, and the second caller is put on hold. This action (called toggling) can be repeated as often as you wish, until one of the parties hangs up.

Consultation and toggling

With the function consultation / toggling, you can talk in turns to two different callers, without one hearing what you discuss with the other. You can accept an incoming call or call another participant yourself. This function also creates the base for a conference call with three people.

You are calling with somebody and wish to retrieve information with another participant (internal or external). To achieve this, you press the **"R"** - key to park the first communication. You hear the extra dialing tone.

Dial the number of the other participant and have your conversation. When you press the **"R"** - key again, you can park the second communication. Press **"2"**, and you return to the first conversation partner.

Now you can toggle between both conversation partners.

When you wish to end your call after the consultation, use the **R** - key and press **"1"**. The connection with the second conversation partner is broken.

Conference call with three people

This function allows you to talk with two conversation partners simultaneously; each of the three parties is participating simultaneously, and hears both other participants all the time. The connection between the three partners is built up as described above, in the chapter consultation and toggling.



When you want to set up a conference call, press the "R" – key again. The active conversation is parked and you hear an extra dialing tone. Now press "3". The conference with 3 people is now activated.

When one of the conversation partners hangs up, the communication with the other partner can continue.

When you hang up yourself, the conference call is ended.



Turning off the microphone (Mute)

The microphone can be turned off temporarily. This allows you to talk to people in your direct environment, without the telephone conversation partner overhearing it.

1. You are making a call.
2. Press the "Mute" key  (8) to turn off the microphone, it is inactivated and LED (9) lights up.
3. Now, you can talk to the people around you. Your conversation partner at the other side of the line can't hear what is said.
4. To continue the call, Press the "Mute" key  (8) again, to switch on the microphone. The LED extinguishes. You can continue your conversation.

Saving telephone numbers

Three telephone numbers can be saved in the shortcut memories (M1 - M3) and ten telephone numbers can be saved in the indirect memories, activated by the number keys. Proceed as follows:

1. Pick up the handset.
2. Press the memory key  (4).
3. Input the telephone number you want to save.
4. Press the memory key  (4) again.
5. Press the key of the memory where you want to save the input telephone number (M1; M2, M3 or 0-9).
6. Hang up, the number is saved in the chosen memory.

Appendix

Warranty

Please check with your local dealer to know what kind of warranty this appliance carries, according to your country's laws and to the local practice.

The warranty period starts from the first acquisition of the appliance. In order to prove the date of purchase, we advise you to keep the purchase receipt. A repair to an appliance that has been sent back, which is not accompanied by the purchase receipt, will always be charged.

This will also be the case for badly packed appliances. During the warranty period, all deficiencies, caused by material or production flaws, will be executed free of charge.

The manufacturer reserves his right to repair or replace, at his own discretion. The length of the warranty period will never be prolonged by possible reparation or in case of replacement. The original warranty period continues and takes a definitive end at the normal date, depending on the purchase date and the original length of the warranty period.

The manufacturer can never be held responsible for any damage or costs, incidental, caused or indirectly brought about by a defect. From warranty are also excluded the damages caused by abnormal use, wear, interventions by third parties or violence. The spare parts, subject to wear (batteries, rechargeable batteries, packing etc.) are excluded from the warranty, as well as the possible deficiencies that only slightly influence the meant use and the possibilities of the appliance.

During the warranty period you should bring your defective appliance back to the sales point where you bought it, which will make sure that it is repaired or replaced as soon as possible.

It goes without saying that your sales point will always be at your disposal, even after the warranty period. For **every repair** that is not covered by the guarantee, the sales point will first make a proposition.

Technical data

System	analog, corded telephone
Power supply	over the telephone network
Room temperature	+5° C à + 35° C;
Relative air humidity	25% à 85%
Temperature during storage	-10° C à + 50° C
Dialing system	tone or pulse
Function flash-key	flash-time 100 / 300ms
Dimensions:	195 x195 x 70 mm
Weight	ca. 540 g

We reserve our right to technical modifications!

Troubleshooting

No dialing tone

- Check if the telephone line cord is well connected to the base and to the wall outlet.
- Use only the delivered cable.

Dialing a number impossible

- Check if the dialing mode set, corresponds with the dialing mode of the telephone network. Set the correct mode.

Maintenance

Clean the base station and the handset with a **moist** cloth or with an antistatic cloth. **Never use dry cloth!** There is a danger of static charge!

Recycling

When your telephone is taken out of service, dispose of it in an environmentally friendly way!

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Notes

CE declaration of conformity

Your set is adapted to be used in the country where you bought it. It has homologation for connection to the public telephone network, only for using it in private homes and shops.

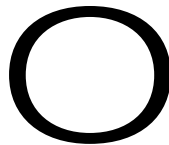
It can be connected to a normal outlet and be used by anyone. Each other use will be considered as inappropriate and not conform to the prescriptions.

Any alteration or modification, not described in this manual, are not allowed.

Hereby we, ITM Technology AG, state that this appliance corresponds with the prescriptions and directives applicable, and with all the other arrests connected to the directive EC 1999/5/EG.

The original statement of conformity can be read on the Internet, on the site:

www.aeg-itm.de



Environmental Protection

Discarded electric appliances are recyclable and should not be discarded in the domestic waste! Please actively support us in conserving resources and protecting the environment by returning this appliance to the collection centers (if available).

